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Acq. Operator   : SYSTEM                               Seq. Line :    2
Sample Operator : SYSTEM
Acq. Instrument : 1260 LC                             Location  :   11
Injection Date  : 27/07/2023 18:59:58                Inj       :    1
                                                    Inj Volume: 1.000 µl
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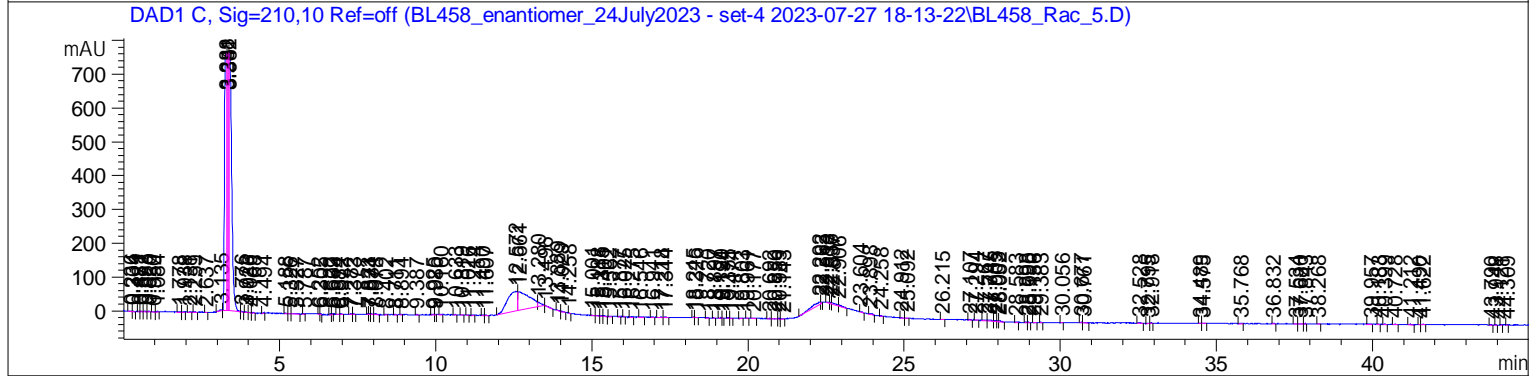
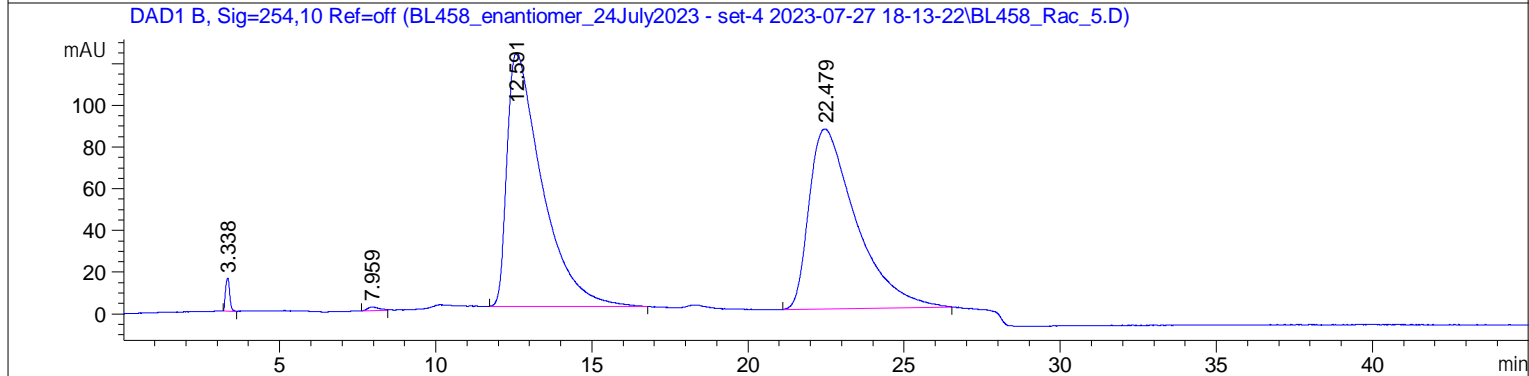
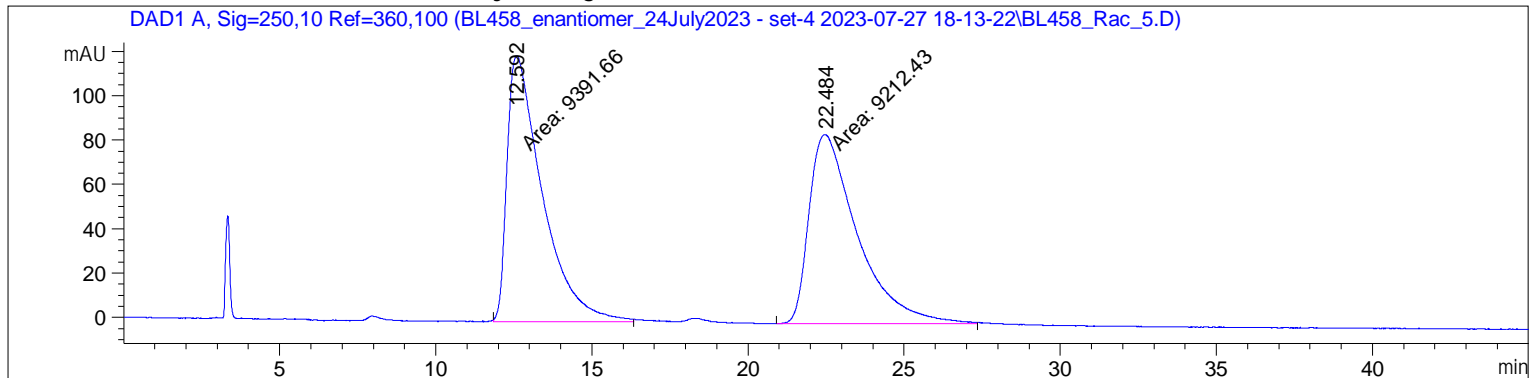
Different Inj Volume from Sample Entry! Actual Inj Volume : 5.000 µl

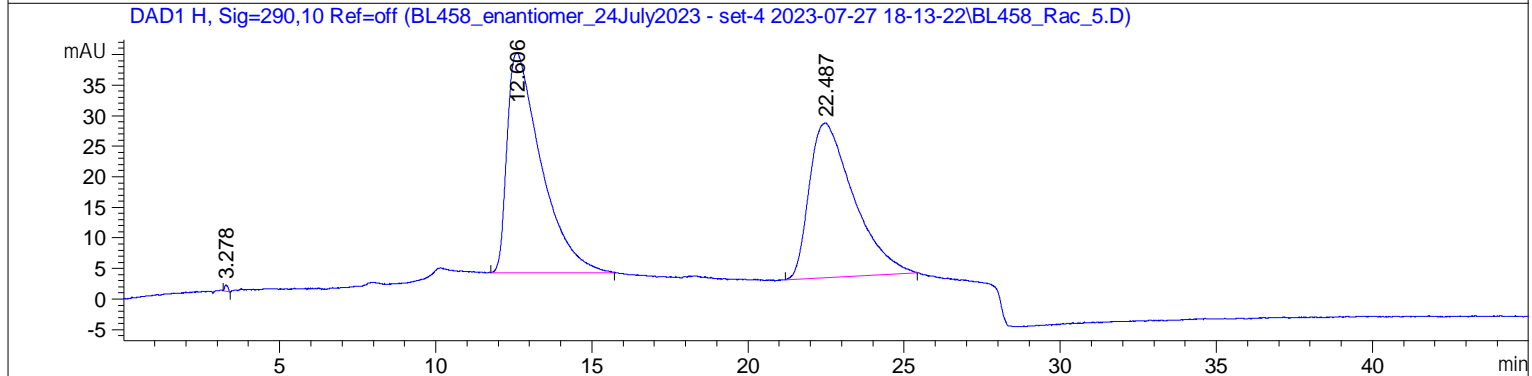
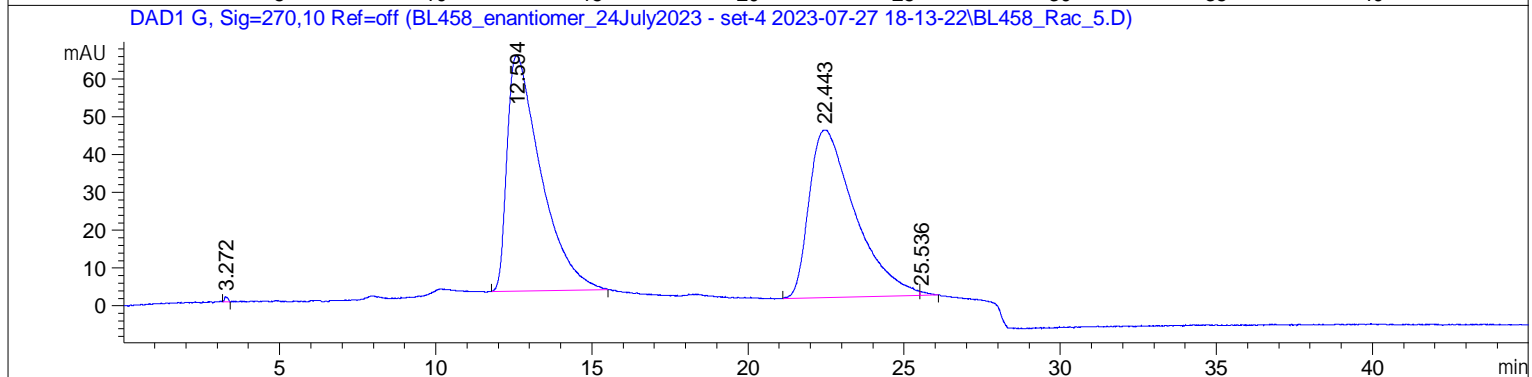
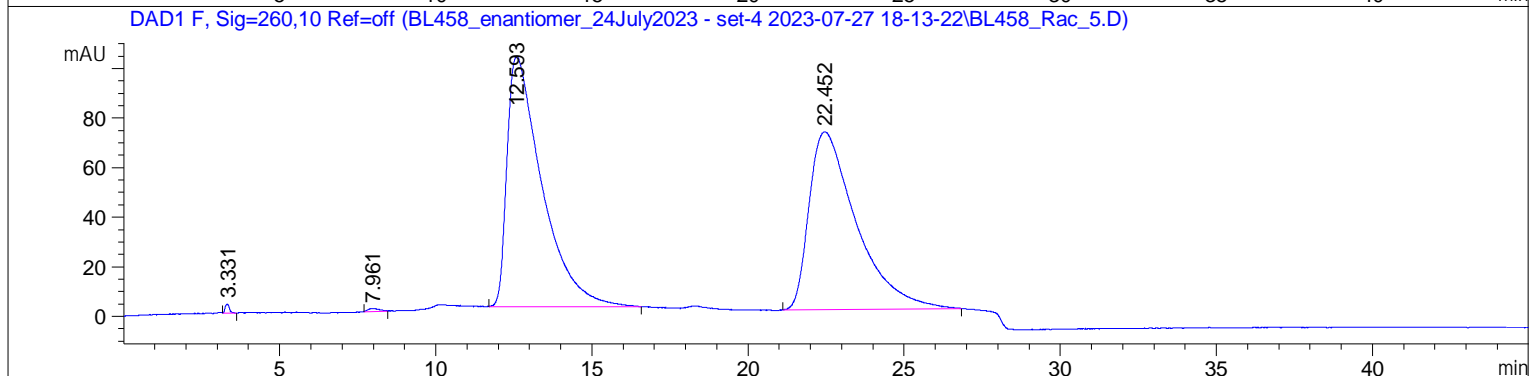
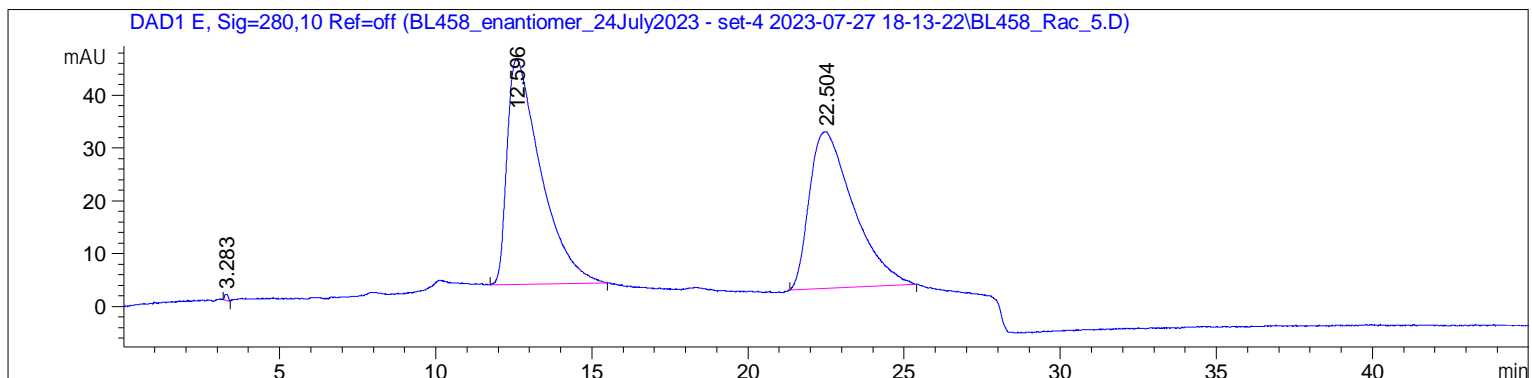
Method : C:\Users\Public\Documents\ChemStation\1\Data\BL458_enantiomer_24July2023 - set-4 2023-07-27 18-13-22\IB_30\IPA_70\HEX_45MIN.M (Sequence Method)

Last changed : 27/07/2023 18:09:14 by SYSTEM

Sample Info : BL458_Rac; Chiral HPLC of racemic of BINOL-Phen-DIOL; Analytical; 5 µm, Column Size: 0.46 cm.I.D. x 25 cmL; Column Chiralpak-IB; Temp: 30 degree Celcius; UV wavelength: 250 nm; Flow Rate: 1 ml/min; Injection: 5 microlitres; Solvent: n-Hexane/Isopropanol = 70:30; Pressure: 50 bar; Sample Conc. 4 mg/ml in 0.75 mL of Isopropanol/EtOAc (2:1).

Additional Info : Peak(s) manually integrated





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Area Percent Report
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Sorted By : Signal
Multiplier : 1.0000
Dilution : 1.0000
Do not use Multiplier & Dilution Factor with ISTDs

Signal 1: DAD1 A, Sig=250, 10 Ref=360, 100

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Height [mAU]	Area %
1	12.592	MM	1.3062	9391.66211	119.83733	50.4817
2	22.484	MM	1.7999	9212.42773	85.30682	49.5183

Totals : 1.86041e4 205.14415

Signal 2: DAD1 B, Sig=254, 10 Ref=off

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Height [mAU]	Area %
1	3.338	BB	0.1483	144.57512	15.87209	0.7752
2	7.959	BB	0.2930	42.46048	1.71381	0.2277
3	12.591	BB	1.0703	9441.63770	121.53482	50.6277
4	22.479	BB	1.2388	9020.48047	86.20742	48.3694

Totals : 1.86492e4 225.32814

Signal 3: DAD1 C, Sig=210, 10 Ref=off

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Height [mAU]	Area %
1	0.236	BV	0.0656	7.59340	1.65248	0.0490
2	0.304	VB	0.0453	5.23951	1.73139	0.0338
3	0.481	VV	0.0428	6.32644	2.25062	0.0408
4	0.572	VV	0.0558	7.91569	2.31829	0.0511
5	0.688	VB	0.0699	6.62315	1.20993	0.0428
6	0.820	BB	0.0405	6.70940	2.27049	0.0433
7	0.950	BB	0.0510	5.17556	1.28403	0.0334
8	1.084	BB	0.0641	9.26704	1.86214	0.0598
9	1.778	VB	0.0739	12.85616	2.42345	0.0830
10	1.938	BV	0.0521	6.62945	1.75286	0.0428
11	2.131	VB	0.0737	6.03553	1.14173	0.0390
12	2.259	VB	0.0629	5.22901	1.11214	0.0338
13	2.637	BB	0.0479	5.21073	1.44959	0.0336
14	3.135	BB	0.1084	16.64209	1.97338	0.1074
15	3.288	BV	0.0829	3997.08057	765.34906	25.8026
16	3.341	VV	0.0468	2545.41772	765.66528	16.4316
17	3.382	VB	0.1048	4808.55176	764.78217	31.0409
18	3.776	BB	0.0635	8.43188	1.98864	0.0544
19	3.923	BV	0.0553	7.19994	2.03177	0.0465
20	4.036	VB	0.0480	5.18876	1.78165	0.0335
21	4.168	BV	0.0586	6.94376	1.90223	0.0448
22	4.494	BV	0.0510	8.24987	2.04898	0.0533
23	5.188	VB	0.0504	6.25077	1.90146	0.0404
24	5.326	BB	0.0582	5.59492	1.47561	0.0361
25	5.527	BB	0.1164	19.84077	2.09640	0.1281

Sample Name: BL458-Rac

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Height [mAU]	Area %
26	5.787	VV	0.0500	5.92143	1.81566	0.0382
27	6.252	VV	0.0415	6.47261	2.25456	0.0418
28	6.305	VB	0.0437	7.36760	2.55434	0.0476
29	6.622	BV	0.0540	10.59405	2.94571	0.0684
30	6.699	VV	0.0546	7.98067	2.18577	0.0515
31	6.884	BV	0.0732	6.19175	1.07561	0.0400
32	6.972	VB	0.0489	7.04724	2.00812	0.0455
33	7.282	BB	0.0524	6.88992	1.98887	0.0445
34	7.373	BV	0.0515	6.26880	1.85163	0.0405
35	7.823	VV	0.0465	6.16004	1.96815	0.0398
36	7.871	VV	0.0458	6.44830	1.98993	0.0416
37	7.934	VB	0.0493	6.13123	1.91945	0.0396
38	8.078	BB	0.0892	13.11078	2.03478	0.0846
39	8.402	BV	0.0687	9.31748	1.73411	0.0601
40	8.711	VB	0.0690	5.62081	1.15063	0.0363
41	8.894	VV	0.0496	5.58869	1.56808	0.0361
42	9.387	BV	0.0498	6.64497	2.05131	0.0429
43	9.925	BV	0.0623	6.91436	1.54364	0.0446
44	9.980	VV	0.0435	5.91202	2.05819	0.0382
45	10.160	VV	0.0754	7.20751	1.24750	0.0465
46	10.633	BB	0.0538	6.07491	1.48388	0.0392
47	10.819	VV	0.0716	5.14206	1.00672	0.0332
48	11.026	VV	0.0590	5.37343	1.33334	0.0347
49	11.214	BV	0.0529	5.05595	1.25744	0.0326
50	11.490	VV	0.0594	6.14326	1.34294	0.0397
51	11.607	VB	0.0585	6.76897	1.69952	0.0437
52	12.572	BV	0.2689	1301.62634	57.75807	8.4025
53	12.661	VV	0.3068	1440.63049	55.87505	9.2998
54	13.280	VB	0.0905	93.81498	13.59169	0.6056
55	13.496	BB	0.1667	14.58677	1.11469	0.0942
56	13.889	BB	0.0794	6.94231	1.23752	0.0448
57	14.029	BB	0.0995	9.18927	1.22470	0.0593
58	14.258	VB	0.0558	6.11742	1.82764	0.0395
59	15.001	VV	0.0761	8.36617	1.52314	0.0540
60	15.188	VB	0.0830	9.58998	1.66964	0.0619
61	15.315	BV	0.0554	6.70988	1.52303	0.0433
62	15.401	VB	0.0701	9.18931	1.84679	0.0593
63	15.562	BV	0.0767	9.96766	1.79659	0.0643
64	15.877	BV	0.0605	5.19477	1.30230	0.0335
65	16.025	VV	0.0495	6.15349	1.81556	0.0397
66	16.275	BB	0.0609	8.22909	2.04725	0.0531
67	16.546	VB	0.0588	6.96612	1.66676	0.0450
68	16.941	BV	0.0756	8.36012	1.44329	0.0540
69	17.218	BV	0.0873	11.76085	1.77492	0.0759
70	17.344	VB	0.0843	12.41312	1.84904	0.0801
71	18.245	VV	0.0537	6.53303	1.82571	0.0422
72	18.326	VV	0.0660	7.85545	1.57955	0.0507
73	18.720	BV	0.0558	7.01245	1.71102	0.0453
74	18.897	BV	0.0520	7.62206	2.11607	0.0492
75	19.120	BV	0.0556	7.20768	1.84333	0.0465
76	19.194	VV	0.0515	5.86779	1.65021	0.0379
77	19.355	BV	0.0495	6.44699	2.00392	0.0416
78	19.474	VV	0.0668	6.45719	1.28112	0.0417
79	19.803	BV	0.0606	6.52614	1.63357	0.0421

Sample Name: BL458-Rac

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Height [mAU]	Area %
80	19.961	VV	0.0527	5.60165	1.39906	0.0362
81	20.177	BV	0.0906	10.98411	1.47982	0.0709
82	20.692	BV	0.0636	7.34185	1.48691	0.0474
83	20.850	VV	0.1044	13.97803	1.65679	0.0902
84	20.989	VB	0.0526	9.01838	2.72391	0.0582
85	21.143	BV	0.0813	7.41941	1.28622	0.0479
86	22.292	BV	0.3583	198.38974	6.72209	1.2807
87	22.363	VV	0.0508	12.77887	3.65430	0.0825
88	22.513	BV	0.1405	16.16712	1.42313	0.1044
89	22.636	VV	0.0558	12.53435	3.74140	0.0809
90	22.697	VV	0.1947	41.04037	3.51267	0.2649
91	22.906	VB	0.1208	32.39611	3.34990	0.2091
92	23.604	BB	0.0773	7.76138	1.38694	0.0501
93	23.898	VB	0.1134	19.87132	2.28585	0.1283
94	24.258	BB	0.0696	5.64829	1.14446	0.0365
95	24.912	BB	0.0559	5.08347	1.18818	0.0328
96	25.092	BV	0.0567	5.02812	1.31292	0.0325
97	26.215	VB	0.0827	6.09777	1.17133	0.0394
98	27.107	VB	0.0609	7.48222	1.58988	0.0483
99	27.294	VV	0.0919	7.76386	1.13343	0.0501
100	27.567	VV	0.1030	14.95603	1.87632	0.0965
101	27.745	VV	0.1300	28.42195	2.85921	0.1835
102	27.905	VV	0.0725	16.95624	3.27177	0.1095
103	28.003	VV	0.0546	12.07918	3.30873	0.0780
104	28.052	VB	0.0798	21.18201	3.64629	0.1367
105	28.583	BV	0.0656	5.99944	1.30657	0.0387
106	28.898	VV	0.0524	7.62750	2.00527	0.0492
107	28.990	VV	0.0589	6.19785	1.42157	0.0400
108	29.156	VB	0.0525	5.99196	1.50418	0.0387
109	29.383	VV	0.0566	5.84836	1.60314	0.0378
110	30.056	BV	0.0690	7.56499	1.80077	0.0488
111	30.677	BV	0.0521	7.07018	2.05545	0.0456
112	30.761	VB	0.0820	11.50616	1.76599	0.0743
113	32.528	VV	0.1155	15.36074	1.63727	0.0992
114	32.795	BV	0.0678	8.70411	1.81936	0.0562
115	32.918	VV	0.0636	6.43676	1.45465	0.0416
116	34.489	BV	0.0543	5.56710	1.53709	0.0359
117	34.575	VV	0.0887	9.39186	1.42797	0.0606
118	35.768	BV	0.0731	8.82703	1.58270	0.0570
119	36.832	VB	0.0658	9.80377	1.91400	0.0633
120	37.534	VB	0.0666	5.55530	1.14527	0.0359
121	37.680	BV	0.0790	6.98680	1.11647	0.0451
122	37.843	VV	0.0530	5.19103	1.34602	0.0335
123	38.268	BB	0.0616	7.62920	1.72419	0.0492
124	39.957	VV	0.0773	5.79950	1.06907	0.0374
125	40.183	VV	0.0513	6.13923	1.82409	0.0396
126	40.399	BB	0.0586	6.93455	1.59836	0.0448
127	40.728	BB	0.0726	5.83023	1.08703	0.0376
128	41.212	VB	0.1034	14.32258	1.75246	0.0925
129	41.490	VV	0.0471	5.16552	1.62578	0.0333
130	41.622	VB	0.0703	9.56028	1.73445	0.0617
131	43.790	BB	0.0550	5.72805	1.42071	0.0370
132	43.948	VV	0.0541	5.22922	1.45045	0.0338
133	44.121	VV	0.0515	6.15265	1.57596	0.0397

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Height [mAU]	Area %
134	44.309	VV	0.0571	5.02033	1.29892	0.0324

Totals : 1.54910e4 2655.27452

Signal 4: DAD1 D, Sig=230, 10 Ref=off

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Height [mAU]	Area %
1	3.342	BB	0.1731	1.29485e4	1226.78467	39.9223
2	7.954	BB	0.3088	61.59420	2.43783	0.1899
3	12.596	BV	1.0211	9922.02637	129.90558	30.5913
4	22.451	VB	1.2152	9502.08496	92.13880	29.2965

Totals : 3.24342e4 1451.26688

Signal 5: DAD1 E, Sig=280, 10 Ref=off

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Height [mAU]	Area %
1	3.283	BB	0.1118	8.96831	1.16578	0.1465
2	12.596	BB	0.8998	3199.00269	42.61208	52.2614
3	22.504	BB	1.1559	2913.18457	29.66053	47.5921

Totals : 6121.15557 73.43839

Signal 6: DAD1 F, Sig=260, 10 Ref=off

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Height [mAU]	Area %
1	3.331	BB	0.1482	32.53783	3.50689	0.2104
2	7.961	BB	0.2897	29.58685	1.21652	0.1913
3	12.593	BB	1.0361	7826.77148	101.00198	50.5985
4	22.452	BB	1.2473	7579.47607	71.81666	48.9998

Totals : 1.54684e4 177.54205

Signal 7: DAD1 G, Sig=270, 10 Ref=off

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Height [mAU]	Area %
1	3.272	BB	0.1107	10.26821	1.32043	0.1110
2	12.594	BB	0.9267	4688.29199	62.38886	50.6720

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Height [mAU]	Area %
3	22.443	BV	1.2101	4537.03174	44.32656	49.0371
4	25.536	VB	0.1970	16.64612	1.06146	0.1799

Totals : 9252.23806 109.09731

Signal 8: DAD1 H, Sig=290,10 Ref=off

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Height [mAU]	Area %
1	3.278	BB	0.1099	7.74765	1.02800	0.1480
2	12.606	BB	0.9923	2722.23267	35.91530	52.0118
3	22.487	BB	1.1671	2503.89453	25.28993	47.8402

Totals : 5233.87485 62.23323

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*** End of Report ***